

GenCore version 5.1.7
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OM nucleic - nucleic search, using sw model

Run on: March 3, 2006, 09:05:06 ; Search time 747 Seconds

(without alignment)
9466.183 Million cell updates/sec

Title: US-10-511-270-1

Perfect score: 1061

Sequence: 1 gaagctatgtgtgtccccc.....gcactgcagcctgaattcc 1061

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 4996997 seqs, 3332346308 residues

Word size : 0

Total number of hits satisfying chosen parameters: 9993994

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 1000 summaries

Database :

N_Geneseq_21:*

- 1: Geneseq1980s:*
- 2: Geneseq1990s:*
- 3: Geneseq2000s:*
- 4: Geneseq2001s:*
- 5: Geneseq2001bs:*
- 6: Geneseq2002as:*
- 7: Geneseq2002bs:*
- 8: Geneseq2003as:*
- 9: Geneseq2003bs:*
- 10: Geneseq2003cs:*
- 11: Geneseq2003ds:*
- 12: Geneseq2004as:*
- 13: Geneseq2004bs:*
- 14: Geneseq2005s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	892	84.1	1061	12	ADP42502
2	837	78.9	2032	10	ADP42502
3	837	78.9	2032	14	ADP42502
4	733	69.1	1521	8	ABX70929
5	672	63.3	1336	6	ABD41390
6	609	57.4	1235	10	ADP42502
7	376	35.4	389	9	ACH21044
8	375	35.3	456	10	ADP42502
9	375	35.3	456	14	ADP42502
10	257	24.2	2581	11	ADP42502
11	35	3.3	1017	12	ADP42502
12	30	2.8	30	12	ADP42502
13	27	2.5	29	10	ADP42502
14	24	2.3	245	10	ADP42502
15	23	2.2	523	10	ADP42502
16	21	2.0	1182	13	ADP42502
17	21	2.0	2411	13	ADP42502
18	21	2.0	2411	13	ADP42502
19	21	2.0	2411	13	ADP42502

20	21	2.0	3303	5	AAH73383	Aah73383 Human gly
21	20	1.9	287	6	ABL78351	Ab178351 Human ova
22	20	1.9	288	6	ABL78350	Ab178350 Human ova
23	20	1.9	3588	13	ABD33040	Abd33040 Human can
24	20	1.9	4548	6	AAI64283	Aai64283 Human tra
25	20	1.9	6137	13	ABD33041	Abd33041 Human can
26	20	1.9	7625	12	ADQ23368	Adq23368 Human can
27	20	1.9	7625	12	ADQ24513	Adq24513 Human sof
28	20	1.9	7650	12	ADO28580	Ado28580 Human axo
29	20	1.9	32145	4	AAK68575	Aak68575 Human imm
30	20	1.9	32145	4	AAK68491	Aak68491 Human imm
31	20	1.9	33294	13	ABD33039	Abd33039 Human can
32	20	1.9	24531	13	ABD33022	Abd33022 Human can
33	19	1.8	216	2	AAQ76410	Aaq76410 Human gen
34	19	1.8	283	7	ADP68881	Adp68881 Corn seed
35	19	1.8	659	14	ACL62403	ACL62403 Human col
36	19	1.8	858	13	ADO83573	Ado83573 Plant ful
37	19	1.8	876	13	ADP46690	Adp46690 Plant ful
38	19	1.8	896	13	ADP46690	Adp46690 Plant ful
39	19	1.8	942	13	ADP46690	Adp46690 Plant ful
40	19	1.8	956	13	ADO83368	Ado83368 Plant ful
41	19	1.8	960	13	ADO81930	Ado81930 Plant ful
42	19	1.8	1003	13	ADO81614	Ado81614 Plant ful
43	19	1.8	1072	13	ADP46852	Adp46852 Plant ful
44	19	1.8	1074	14	ADP16706	Adp16706 Eucalyptu
45	19	1.8	1413	6	ABS70392	Abt70392 Human bon
46	19	1.8	1691	6	ADD42853	Adt42853 Human DNA
47	19	1.8	1711	3	AAH47767	Aah47767 Zea may
48	19	1.8	1872	13	ADT16555	Adt16555 Plant CDN
49	19	1.8	1874	3	AAA93103	Aaa93103 Human sec
50	19	1.8	1989	6	ABZ35525	Abz35525 Human gen
51	19	1.8	2148	14	ADZ75693	Adz75693 Xanthomon
52	19	1.8	2445	14	ADZ62574	Adz62574 Murine cc
53	19	1.8	49136	3	AAA27475	Aaa27475 NIDDM1 re
54	19	1.8	20	10	ABZ84919	Abz84919 Human oli
55	18	1.7	20	11	ABD21149	Abd21149 Human tra
56	18	1.7	100	8	ACD72750	Act72750 E. coli K
57	18	1.7	274	6	ABN26827	Abn26827 Human ORP
58	18	1.7	286	4	AAK78933	Aak78933 Human imm
59	18	1.7	286	4	AAK70462	Aak70462 Human imm
60	18	1.7	332	3	AAAC01142	Aac01142 Human sec
61	18	1.7	363	12	ADP10469	Adp10469 Reference
62	18	1.7	454	8	ACA04750	ACA04750 CDNA enco
63	18	1.7	491	9	ACH45031	Ach45031 Human foe
64	18	1.7	532	12	ADO63334	Ado63334 Transcrip
65	18	1.7	548	6	ABO56920	Abog56920 Human col
66	18	1.7	579	13	ADQ51423	Adq51423 Novel can
67	18	1.7	659	13	ACN50870	Acn50870 Cotton an
68	18	1.7	827	8	ABX05404	Abx05404 Human nov
69	18	1.7	831	14	ACL67540	ACL67540 M. xanthu
70	18	1.7	894	11	ABD12734	Abd12734 Lung can
71	18	1.7	898	3	AAI18315	Aai18315 Pseudomon
72	18	1.7	951	12	ADN07638	Adn07638 Cotton ch
73	18	1.7	1071	6	ABT90241	Abt90241 Human pol
74	18	1.7	1335	11	ABD12753	Abd12753 Pseudomon
75	18	1.7	1346	2	AAH84957	Aah84957 Human sec
76	18	1.7	1346	8	ACD18883	Act18883 Novel hum
77	18	1.7	1346	8	ACC50541	Acc50541 Human sec
78	18	1.7	1346	8	ABZ25828	Abz25828 Human end
79	18	1.7	1495	6	ABZ25828	Abz25828 Human sit
80	18	1.7	1529	2	AAZ10643	Aaz10643 CDNA enco
81	18	1.7	1554	8	ADA39692	Ada39692 Human sec
82	18	1.7	1554	8	ACC50374	Acc50374 Human sec
83	18	1.7	1554	8	ADD37550	Add37550 Human sec
84	18	1.7	1554	10	ADA55883	Ada55883 Gene enco
85	18	1.7	1554	10	ADA55883	Ada55883 Gene enco
86	18	1.7	1554	10	ADA55883	Ada55883 Gene enco
87	18	1.7	1554	10	ADA55883	Ada55883 Gene enco
88	18	1.7	1554	10	ADA55883	Ada55883 Gene enco
89	18	1.7	1554	10	ADA55883	Ada55883 Gene enco
90	18	1.7	1554	10	ADA55883	Ada55883 Gene enco
91	18	1.7	1554	10	ADA55883	Ada55883 Gene enco
92	18	1.7	1554	10	ADA55883	Ada55883 Gene enco

AAA93103;

12-JAN-2001 (first entry)

Human secreted protein coding sequence SEQ ID NO: 5.

Human; secreted protein; cytokine; cell proliferation;
nutritional supplement; immune modulation; autoimmune disorder;
haematopoiesis regulation; tissue growth; haemostasis; inflammation; ss.

Homo sapiens.

Key Location/Qualifiers
CDS 195..1301

sig_peptide /*tag= a
/product= "secreted protein"
297..332

mat_peptide /*tag= b
333..1298
/*tag= c

WO200049134-A1.

24-AUG-2000.

18-FEB-2000; 2000WO-US004340.

19-FEB-1999; 99US-0120690P.
23-APR-1999; 99US-00298733.
17-AUG-1999; 99US-0149639P.
23-SEP-1999; 99US-0155686P.
01-OCT-1999; 99US-0157247P.
29-NOV-1999; 99US-0167822P.
29-NOV-1999; 99US-0167823P.
15-FEB-2000; 2000US-0182711P.

(ALPH-) ALPHAGENE INC.

Valenzuela D, Yuan O, Hoffman H, Hall J, Rapiejko P;
MPI; 2000-549267/50.
P-PSDB; AAB23603.

New secreted proteins and polynucleotides encoding them, which are
derived from Homosapiens, useful for therapy, diagnosis, and research, as
well as nutritional sources or supplements.

Claim 14; Page 241; 309pp; English.

The present sequence is the coding sequence for a human secreted protein.
It was isolated from an adult prostate cDNA library. The proteins and
coding sequences of the invention can be used in the isolation of similar
genes and proteins, in the elucidation of their function in vivo, and to
treat a number of conditions. It is possible that they may have uses as
nutritional supplements, as cytokine or cell proliferation factors, in
immune modulation, where they may be used to treat immune and autoimmune
diseases, as haematopoiesis regulators (treating myeloid or lymphoid cell
deficiencies), in the promotion of tissue growth, they may have chemokine
or chemotactic activity, haemostatic or thrombolytic activity, or anti-
inflammatory activity

Sequence 1874 BP; 431 A; 505 C; 481 G; 457 T; 0 U; 0 Other;

Query Match

Best local Similarity 1.8%; Score 19; DB 3; Length 1874;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

752 CAGGTGTGCCAGCTGAGC 770

479 CAGGTGTGCCAGCTGAGC 461

Search completed: March 3, 2006, 09:29:03
Job time : 798 secs